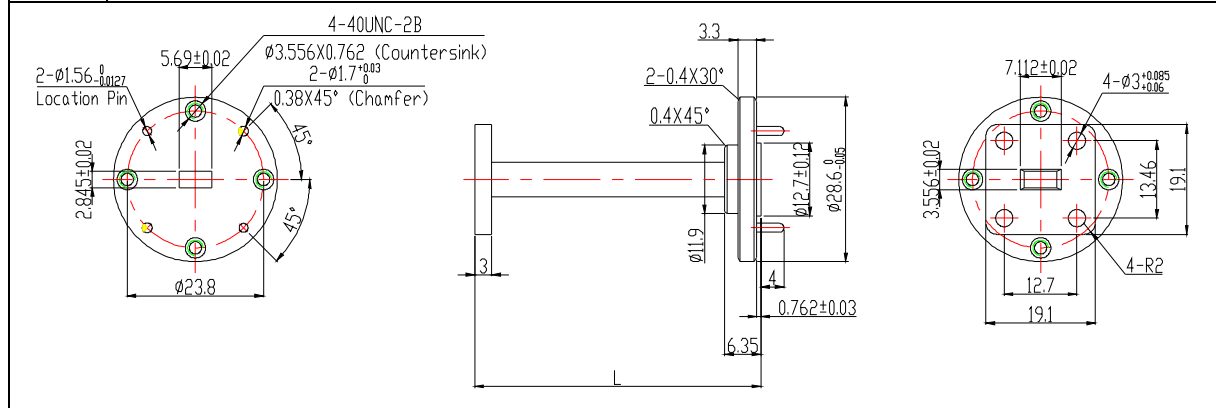


Waveguide Transition

Part No: VT320400WA50PPC

1.0 Mechanical Specifications	
1.1	Waveguide type WR28 to WR22
1.2	Flange type FBP320/FUGP400
1.3	Material Copper/Brass
1.4	Finish Gold plating
1.5	Length L=50 mm
2.0 Electrical Specifications	
2.1	Frequency range 32-40 GHz
2.2	VSWR (Max) 1.10
3.0 Outline Drawing	
 <p>Technical drawing showing three views of the waveguide transition:</p> <ul style="list-style-type: none"> Front View: Circular flange with diameter $\phi 23.8$. Features include 2 location pins ($2-\phi 1.56_{-0.0027}^0$), 4 mounting holes ($4-40\text{UNC}-2\text{B}$), a central hole ($\phi 3.556 \times 0.762$ (Countersink)), and chamfers ($2-\phi 1.7_{-0}^{+0.003}$ and $0.38 \times 45^\circ$ (Chamfer)). Side View: Shows the length of the waveguide transition as 50 mm. The diameter is $\phi 28.6_{-0.005}^{+0.005}$. Features include a chamfer ($0.4 \times 45^\circ$), a hole ($\phi 11.9$), and a hole ($\phi 12.7 \pm 0.12$). Top View: Shows the diameter of the waveguide transition as 35.56 ± 0.02. Features include 4 mounting holes ($4-\phi 3_{+0.005}^{+0.005}$), a hole ($\phi 12.7 \pm 0.12$), and a hole ($\phi 19.1$). 	



Revision History

Date	Revision	Changes
26-Mar-2006	1	First release

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Email: sales@vectortele.com

www.vectortele.com

Vector Telecom Pty Ltd

Level 40, 140 William Street, Melbourne VIC 3000, Australia
Tel: +61 3 9607 8357 - Fax: +61 3 9607 8282 - www.vectortele.com